

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

(X) Original () Supplemental () Substitute () PCT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MODIFIED HCV PEPTIDE VACCINE," which is described and claimed in the specification

(check one) which is attached hereto, or
 which was filed on , as Application Serial No. and with amendments through
(if applicable), or
 in International Application No. PCT US99/18674, filed August 17, 1999, with
amendments as provided in the Preliminary Amendment attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATIONS (ENTER BELOW IF APPLICABLE)			PRIORITY CLAIMED (MARK APPROPRIATE BOX BELOW)	
APP. NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	YES	NO
PCT/US99/18674	PCT	17 August 1999	X	

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/097,446	21 August 1998

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS (MARK APPROPRIATE COLUMN BELOW)		
		PATENTED	PENDING	ABANDONED

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

James C. Haight, Reg. No. 25,588, Robert Benson, 33,612, Jack Spiegel, 34,477, Susan S. Rucker, 35,762, David R. Sadowski, 32,808, Steve Ferguson, 38,448; John Peter Kim, 38,514, Stephen L. Finley, 36,357, Norbert Pontzer, 40,777, Richard U. Rodriguez, 45,980, and Marlene Shinn, 46,005.

Address all telephone calls to Mary L. Miller, Ph.D. at telephone no. (404) 688-0770.

Address all correspondence to:

Mary L. Miller, Ph.D.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or

both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Jay A. Berzofsky

Inventor's signature:  Date: 2/13/01

Residence: 5908 Bradley Boulevard, Bethesda, MD 20814-1107

Post Office Address: 5908 Bradley Boulevard, Bethesda, MD 20814-1107

Citizenship: United States

Full name of second inventor: C. David Pendleton

Inventor's signature:  Date: 2/13/01

Residence: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Post Office Address: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Citizenship: United States

Full name of third inventor: Stephen M. Feinstone

Inventor's signature: _____ Date: _____

Residence: 3021 Cathedral Avenue, Washington, D.C. 20008

Post Office Address: 3021 Cathedral Avenue, Washington, D.C. 20008

Citizenship: United States

Full name of fourth inventor: Marian E. Major

Inventor's signature: _____ Date: _____

Residence: 6608 Potomac Avenue, Apt. B2, Alexandria VA 22307

Post Office Address: 6608 Potomac Avenue, Apt. B2, Alexandria, VA 22307

Citizenship: United States

Full name of fourth inventor: Pablo Sarobe

Inventor's signature: _____ Date: _____

Residence: C/San Fermin 59 2D, 31003 Pamplona, Spain

Post Office Address: C/San Fermin 59 2D, 31003 Pamplona, Spain

Citizenship: Spain

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(check one)

- [] which is attached hereto, or
- [] which was filed on , as Application Serial No. and with amendments through (if applicable), or
- [X] in International Application No. PCT US99/18674, filed August 17, 1999, with amendments as provided in the Preliminary Amendment attached hereto.

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APP. NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	YES	NO
PCT/US99/18674	PCT	17 August 1999	<input checked="" type="checkbox"/>	

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APPLICATION NUMBER	FILED DATE
60/097,446	21 August 1998

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Full name of first inventor: Jay A. Berzofsky

Inventor's signature: _____ Date: _____

Residence: 5908 Bradley Boulevard, Bethesda, MD 20814-1107

Post Office Address: 5908 Bradley Boulevard, Bethesda, MD 20814-1107

Citizenship: United States

Full name of second inventor: C. David Pendleton

Inventor's signature: _____ Date: _____

Residence: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Post Office Address: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Citizenship: United States

Full name of third inventor: Stephen M. Feinstone

Inventor's signature: Stephen M. Feinstone Date: 2/13/01

Residence: 3021 Cathedral Avenue, Washington, D.C. 20008

Post Office Address: 3021 Cathedral Avenue, Washington, D.C. 20008

Citizenship: United States

Full name of fourth inventor: Marian E. Major

Inventor's signature: 

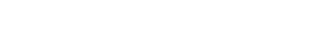
Date: 2-13-01

Residence: 6608 Potomac Avenue, Apt. B2, Alexandria VA 22307

Post Office Address: 6608 Potomac Avenue, Apt. B2, Alexandria, VA 22307

Citizenship: United States United Kingdom

Full name of fourth inventor: Pablo Sarobe

Inventor's signature: 

Date: _____

Residence: C/San Fermin 59 2D, 31003 Pamplona, Spain

Post Office Address: C/San Fermin 59 2D, 31003 Pamplona, Spain

Citizenship: Spain

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or

both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Jay A. Berzofsky

Inventor's signature: _____ Date: _____

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Post Office Address: 5908 Bradley Boulevard, Bethesda, MD 20814-1107

Citizenship: United States

Full name of second inventor: C. David Pendleton

Inventor's signature: _____ Date: _____

Residence: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Post Office Address: 4998 Battery Lane, Apt. 417, Bethesda, MD 20814

Citizenship: United States

Full name of third inventor: Stephen M. Feinstone

Inventor's signature: _____ Date: _____

Residence: 3021 Cathedral Avenue, Washington, D.C. 20008

Post Office Address: 3021 Cathedral Avenue, Washington, D.C. 20008

Citizenship: United States

Full name of fourth inventor: Marian E. Major

Inventor's signature: _____ Date: _____

Residence: 6608 Potomac Avenue, Apt. B2, Alexandria VA 22307

Post Office Address: 6608 Potomac Avenue, Apt. B2, Alexandria, VA 22307

Citizenship: United States

Full name of fourth inventor: Pablo Sarobe

Inventor's signature:  Date: February 15th 2001

Residence: C/San Fermin 59 2D, 31003 Pamplona, Spain

Post Office Address: C/San Fermin 59 2D, 31003 Pamplona, Spain

Citizenship: Spain

ASSIGNMENT

WHEREAS, we, Jay A. Berzofsky, Pablo Sarobe, C. David Pendleton, Stephen M. Feinstone and Marian E. Major, employees of the Department of Health and Human Services, have invented "**MODIFIED HCV PEPTIDE VACCINE**," for which we have made application for Letters Patent of the United States, in application Serial No. 60/097,446, filed 21 August 1998; in PCT application Serial No. PCT/US99/18674, filed 17 August 1999; and in application Serial No. 09/763,260, filed 20 February 2001; and

WHEREAS, we are the applicants named in the above-identified applications for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle **THE UNITED STATES OF AMERICA** [hereinafter **THE GOVERNMENT**] under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, **THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which **THE GOVERNMENT** elects to file and the entire right, title, and interest in and to such application, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), continuation, continuation-in-part, division, reissue, reexamination, or extension thereof, and including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as may be granted to be held by **THE GOVERNMENT** to the end of the

term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by **THE GOVERNMENT**.

IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____, 2001.

Jay A. Berzofsky

State of _____

County of _____

On this _____ day of _____, 2001, before me, a Notary Public, came Jay A. Berzofsky, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public

My Commission Expires: _____

ATTORNEY DOCKET NO. 14014.0347U2

IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____, 2001.

Pablo Sarobe

State of _____

County of _____

On this _____ day of _____, 2001, before me, a Notary Public, came Pablo Sarobe, to me known and known to be the individual described in and who executed the foregoing assignment; and he duly acknowledged the same to be his free act and deed.

Notary Public

My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____, 2001.

C. David Pendleton

State of _____

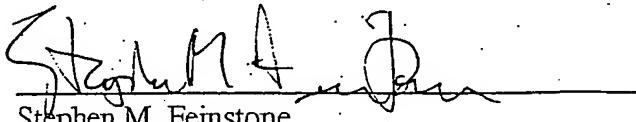
County of _____

On this _____ day of _____, 2001, before me, a Notary Public, came C. David Pendleton, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public

My Commission Expires: _____

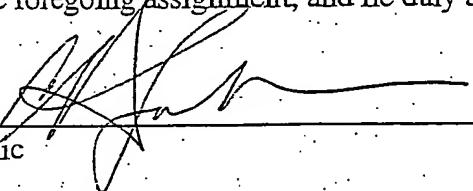
IN WITNESS WHEREOF, I have executed this Assignment this 23rd day of May,
2001.


Stephen M. Feinstone

State of Maryland

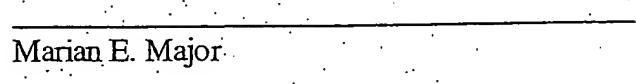
County of Montgomery

On this 23rd day of May, 2001, before me, a Notary Public, came
Stephen M. Feinstone, to me known and known to be the individual described in and who
executed the foregoing assignment, and he duly acknowledged the same to be his free act and
deed.


Notary Public

My Commission Expires: CLARENCE A. TAYLOR
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 31, 2004

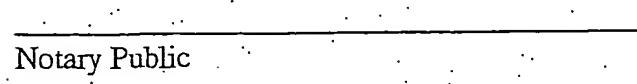
IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____,
2001.


Marian E. Major

State of _____

County of _____

On this _____ day of _____, 2001, before me, a Notary Public, came
Marian E. Major, to me known and known to be the individual described in and who executed
the foregoing assignment, and he duly acknowledged the same to be his free act and deed.


Notary Public

My Commission Expires: _____

ASSIGNMENT

WHEREAS, we, Jay A. Berzofsky, Pablo Sarobe, C. David Pendleton, Stephen M. Feinstone and Marian E. Major, employees of the Department of Health and Human Services, have invented "**MODIFIED HCV PEPTIDE VACCINE**," for which we have made application for Letters Patent of the United States, in application Serial No. 60/097,446, filed 21 August 1998; in PCT application Serial No. PCT/US99/18674, filed 17 August 1999; and in application Serial No. 09/763,260, filed 20 February 2001; and

WHEREAS, we are the applicants named in the above-identified applications for Letters Patent; and

WHEREAS, the conditions under which said invention was made are such as to entitle **THE UNITED STATES OF AMERICA** [hereinafter **THE GOVERNMENT**] under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, **THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the above-mentioned invention described in the application for Letters Patent; and

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to said invention in the United States and within each and every foreign country in which **THE GOVERNMENT** elects to file and the entire right, title, and interest in and to such application, and any subsequent application claiming priority to the above-identified application under 35 U.S.C. § 119(e), continuation, continuation-in-part, division, reissue, reexamination, or extension thereof, and including priority rights as may be filed in the United States and foreign countries, and such Letters Patent as may be granted to be held by **THE GOVERNMENT** to the end of the

ATTORNEY DOCKET NO. 14014.0347U2

term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to the Secretary, Department of Health and Human Services, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by **THE GOVERNMENT**.

IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____, 2001.

Jay A. Berzofsky

State of _____

County of _____

On this _____ day of _____, 2001, before me, a Notary Public, came Jay A. Berzofsky, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public

My Commission Expires: _____

ATTORNEY DOCKET NO. 14014.0347U2.

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Pablo Sarobe

State of _____

County of _____

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Notary Public

My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this _____ day of _____, 2001.

C. David Pendleton

State of _____

County of _____

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Stephen M. Feinstone

State of _____

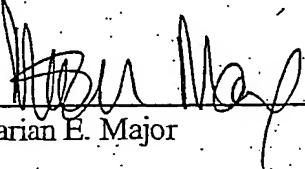
County of _____

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Notary Public

My Commission Expires: _____

IN WITNESS WHEREOF, I have executed this Assignment this 8th day of May, 2001.

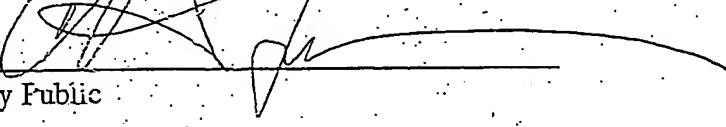


Marian E. Major

State of VIRGINIA

County of FAIRFAX

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Notary Public

My Commission Expires: _____

CLARENCE A. TAYLOR
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 31, 2004

ASSIGNMENT

WHEREAS, we, Jay A. Berzofsky, Pablo Sarobe, C. David Pendleton, Stephen M. Feinstone and Marian E. Major, employees of the Department of Health and Human Services, have invented "**MODIFIED HCV PEPTIDE VACCINE**," for which we have made application for Letters Patent of the United States, in application Serial No. 60/097,446, filed 21 August 1998; in PCT application Serial No. PCT/US99/18674, filed 17 August 1999; and in application Serial No. 09/763,260, filed 20 February 2001; and

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Jay A. Berzofsky

State of _____

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IN WITNESS WHEREOF, I have executed this Assignment this 27 day of April
2001.



Pablo Sarobe

State of SPAIN

County of NAVARRA

On this 27 day of April, 2001, before me, a Notary Public, came
Pablo Sarobe, to me known and known to be the individual described in and who executed the
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the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public

My Commission Expires: _____